



New Mexico Spaceport Authority

November 12, 2013

To: NMFA Oversight Committee

Subject: Spaceport America IT Infrastructure

Dear Representative Lundstrom,

Per your request, I am sending a summary of the Spaceport's IT infrastructure investment. Please feel free to contact me if you need any additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ch Anderson".

Christine Anderson  
Executive Director

1 attachment: IT Infrastructure Summary

## Spaceport America IT Infrastructure

The New Mexico Spaceport Authority (NMSA) has completed Phase I construction activities at Spaceport America. This facility is equipped with a complex scalable network complete with state of the art equipment, 800Meg fiber backbone and wireless access points throughout the facilities. The individual system components were supplied to NMSA through a Memorandum of Understanding (MOU) with the New Mexico Department of Information Technology (NMDoIT). This MOU specified the equipment, monitoring and software required to establish the network for Spaceport America. NMDoIT contracted with Century Link and Cisco Systems to provide and install the individual components and equipment. NMSA contracted B & D Industries for the site wide system integration of the network. This included the install of all security systems, network connectivity to all buildings, operating systems and customized user consoles for Spaceport staff (CCTV monitoring, PA system, radio equipment required for air traffic control and facility/protective services operations). The system is specifically designed to expand as the Spaceport grows with NMSA's currently using 95 Meg of our 800 Meg capacity. Per the MOU, NMDoIT provides continuous network monitoring from Century Link, working closely with NMSA's IT staff to ensure uptime of the system. To accomplish the acquisition, implementation, and monitoring of the IT infrastructure, NMSA has made the following investments.

- On-Site System Network Integration and Installation                      \$5,908,292
  - o System Integration (pathways and conduits for fiber/copper)
  - o Security Systems (Access control, CCTV system, badging system and software)
  - o PA system, Radio systems, SCADA
  - o Customized Console (design, construction and install)
  
- NMDoIT    \$823,899
  - o Fiber extension to Spaceport
  - o Equipment (Racks, Servers, Switches, Firewalls, LAN, VLANs and Software)
  - o Network monitoring (Century Link)
  
- On-Site Infrastructure Design and Construction Management    \$1,098,000